

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number  
**WO 2005/057617 A2**

(51) International Patent Classification<sup>7</sup>: **H01L**  
(21) International Application Number:  
PCT/US2004/040197  
(22) International Filing Date: 1 December 2004 (01.12.2004)  
(25) Filing Language: English  
(26) Publication Language: English  
(30) Priority Data:  
60/526,926 2 December 2003 (02.12.2003) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **BOND WIRELESS PACKAGE**

(57) Abstract: There is provided herein exemplary embodiments of a semiconductor device constructed in accordance with the present invention. The device comprises: a semiconductor chip having a lateral power transistor device formed therein. The chip has an upper surface and source, drain and gate contact terminals on the upper surface thereof. Each of the source, drain and gate contact terminals have a conductive ball or pillar bump thereon. A metal lead frame spans the upper surface of the chip, the metal lead frame being in electrical contact with the conductive balls or pillar bumps. A capsule encases the chip and at least a portion of the metal lead frame such that opposite ends of the metal lead from protrudes from opposite sides of the capsule.



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